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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re original application of:

Applicants : Frank Check et al.  
USSN : 09/837,535  
Filing Date : April 18, 2001  
Title of Invention : COMPACT BIOPTICAL LASER SCANNING SYSTEM...  
Examiner : Allyson Sanders  
Group Art Unit : 2876  
Attorney Docket No. : 108-083USA000

**RECEIVED**

**JUL 23 2004**

**OFFICE OF PETITIONS**

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

**AMENDMENT OF THE SPECIFICATION**

SIR:

Please amend the present Application as follows:

**AMENDMENT OF THE SPECIFICATION:**

Please amend the Specification (as set forth in the Substitute Specification filed October 1, 2001 as follows:

On Page 15, amend the last paragraph as follows:

Fig. 2H 2I is an elevated side view of the holographic laser scanning disc and laser scanning stations associated with the bioptical holographic laser scanning system depicted in Fig. 1A, using wire-frame modeling techniques to show the position of the photodetector directly above the point of incidence of the laser beam on each holographic scanning disc in each laser scanning station thereof;

On Page 19, amend the fourth through seventh paragraphs as follows:

~~Fig. 3F is~~ Figs. 3F1 and 3F2, taken together, provide a table setting forth major physical, optical and electrical parameters which can be used to characterize to the bioptical holographic laser scanning system of the illustrative embodiment of the present invention;